

FIGURE 1

App No.: 09/653,761
Title: Arrays and Photolithographic . .
Inventors: Stephen P. A. Fodor, *et al.*

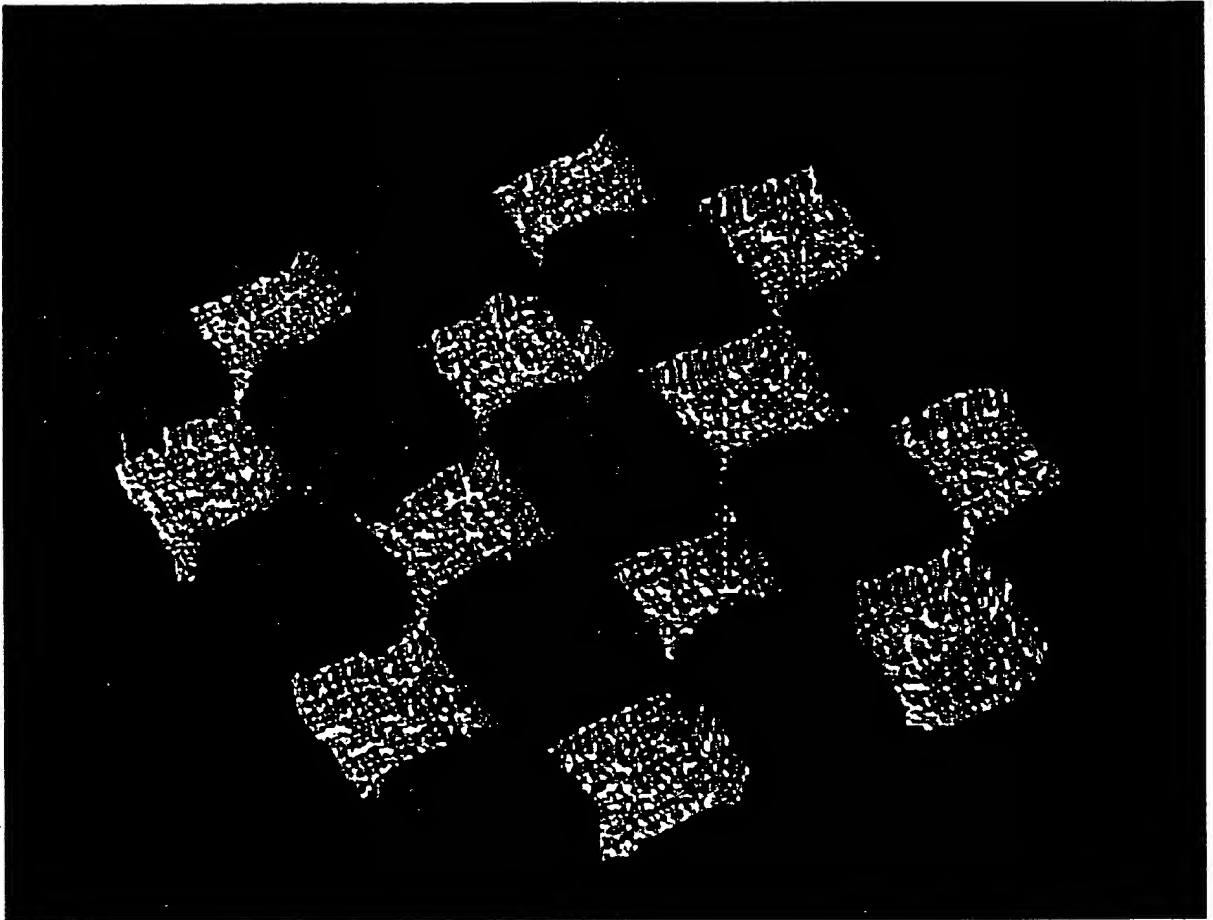


Figure 2

App No.: 09/653,761
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Inventors: Stephen P. A. Fodor, *et al.*

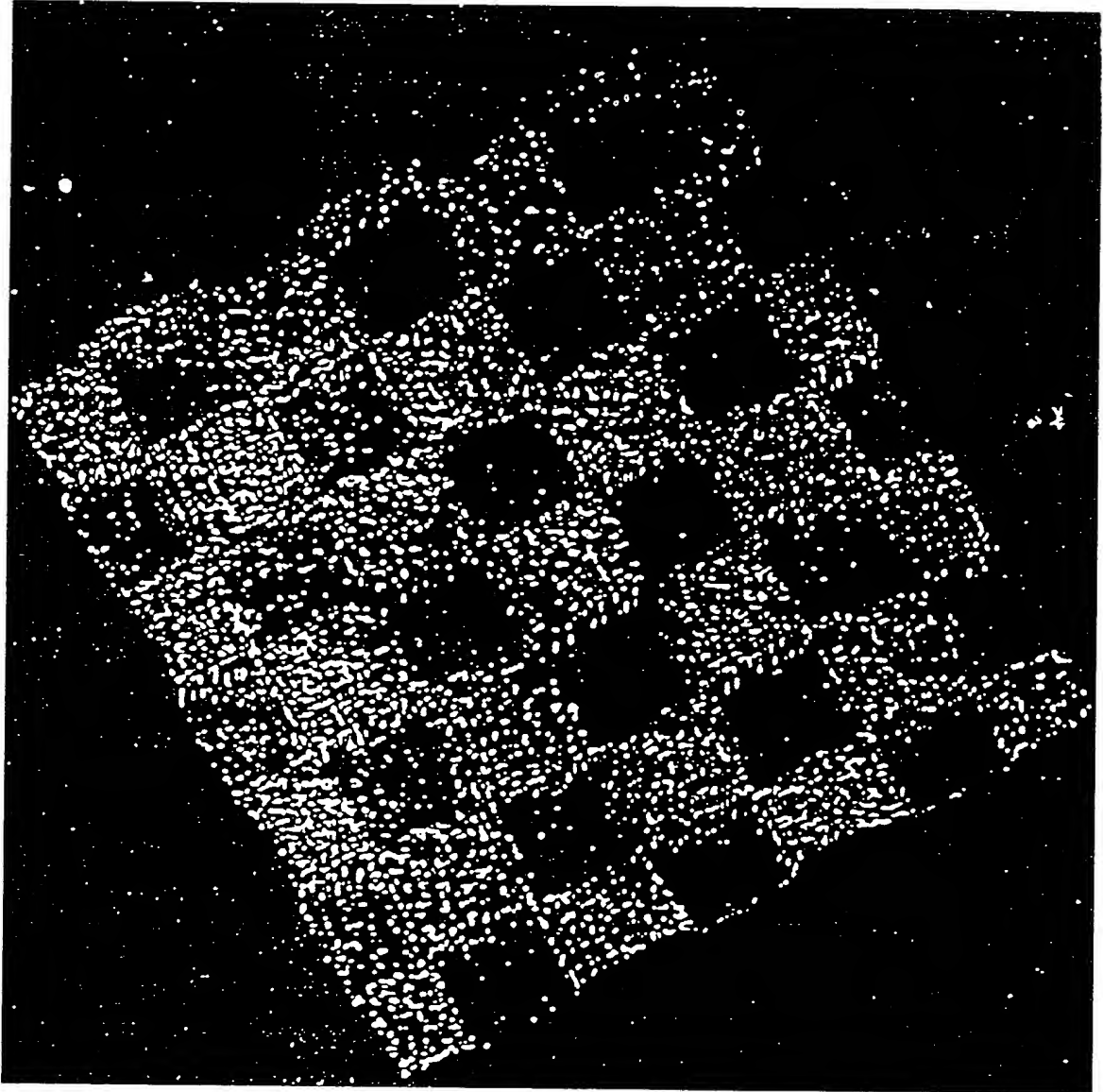


figure 3

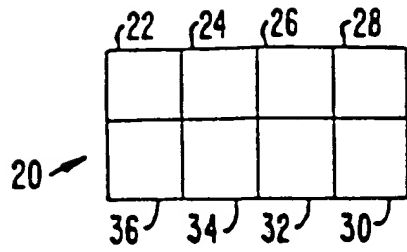


FIG. 4A

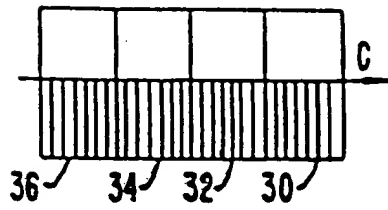


FIG. 4B

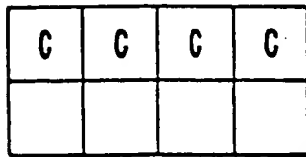


FIG. 4C

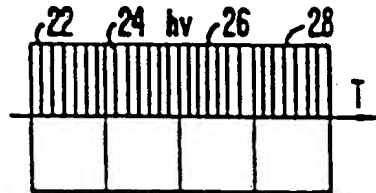


FIG. 4D

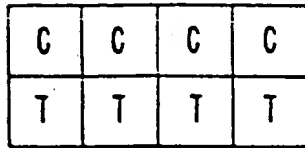


FIG. 4E

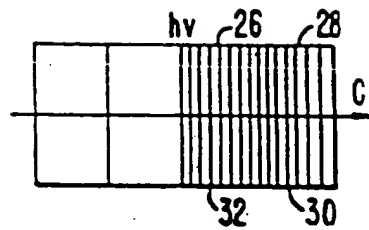


FIG. 4F

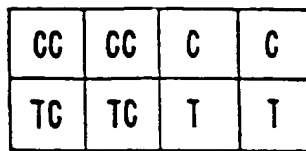


FIG. 4G

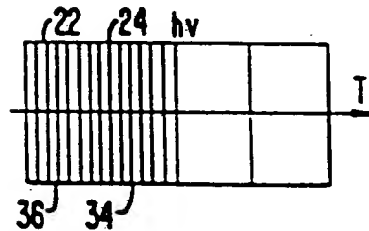


FIG. 4H

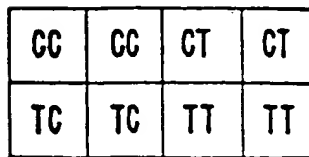


FIG. 4I

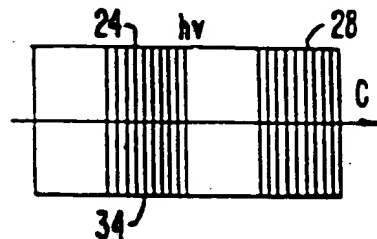


FIG. 4J

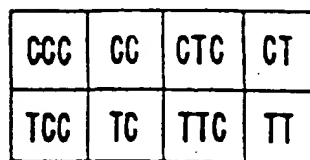


FIG. 4K

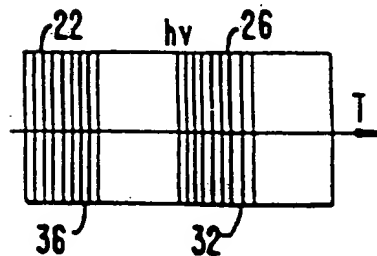


FIG. 4L

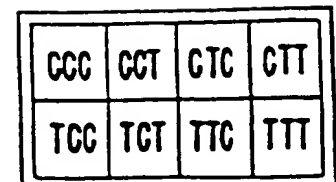


FIG. 4M

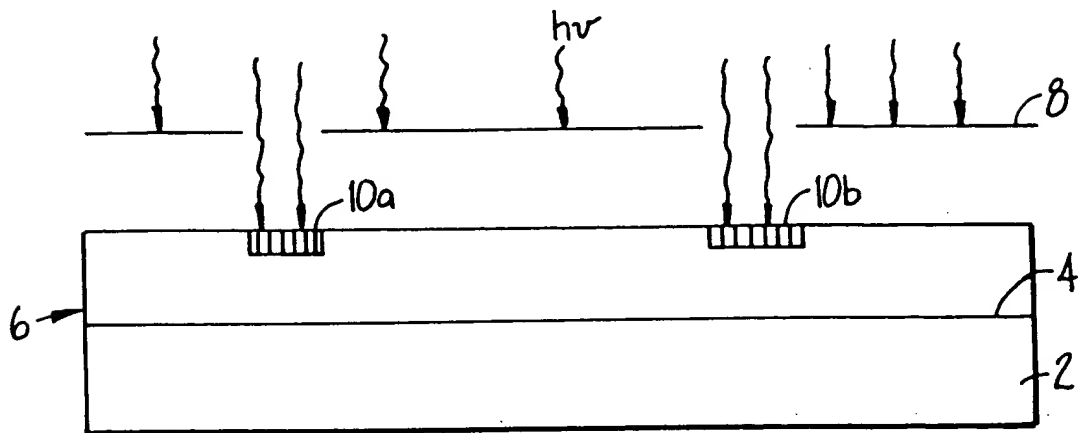


FIGURE 5

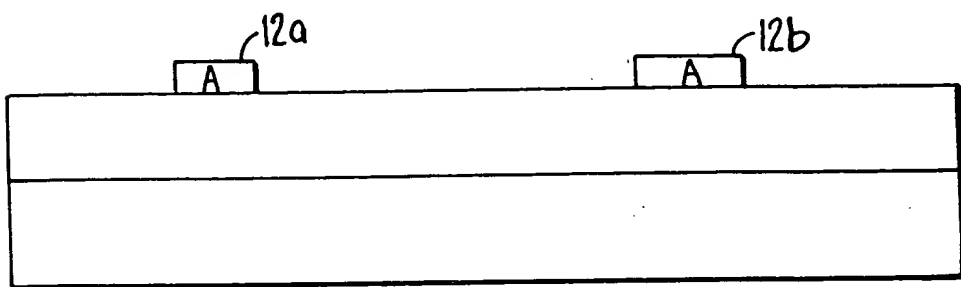


FIGURE 6

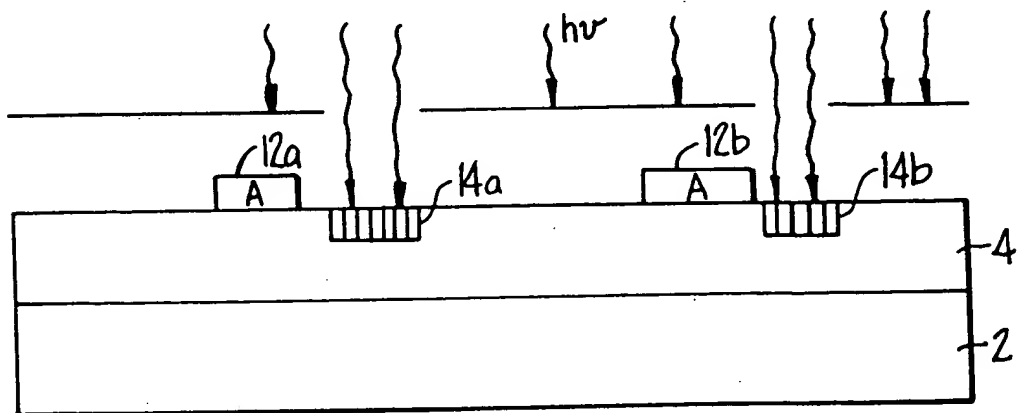


FIGURE 7

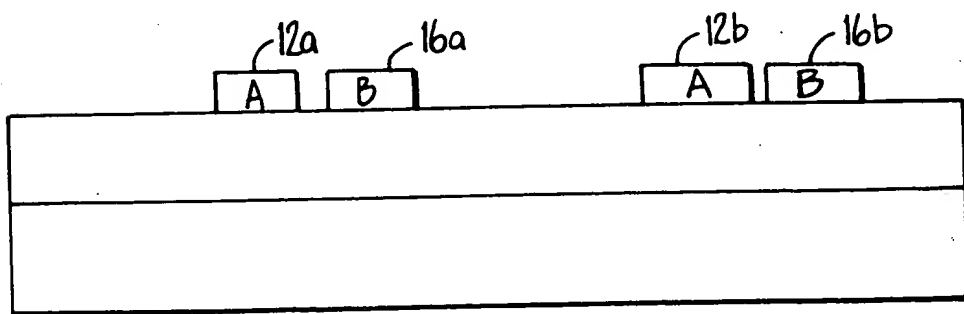


FIGURE 8

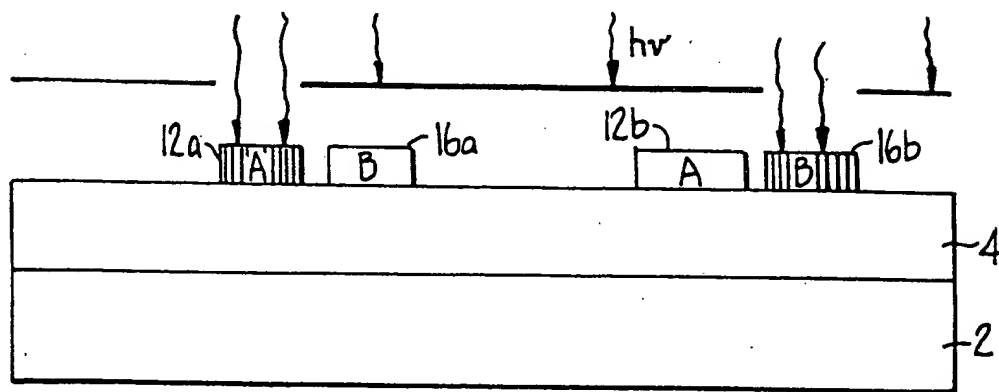


FIGURE 9

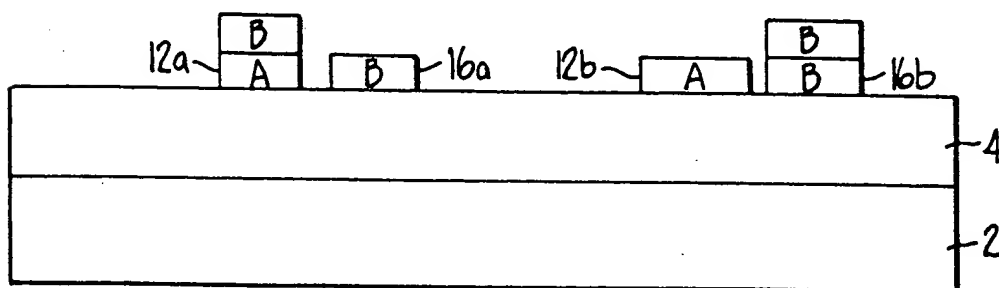


FIGURE 10

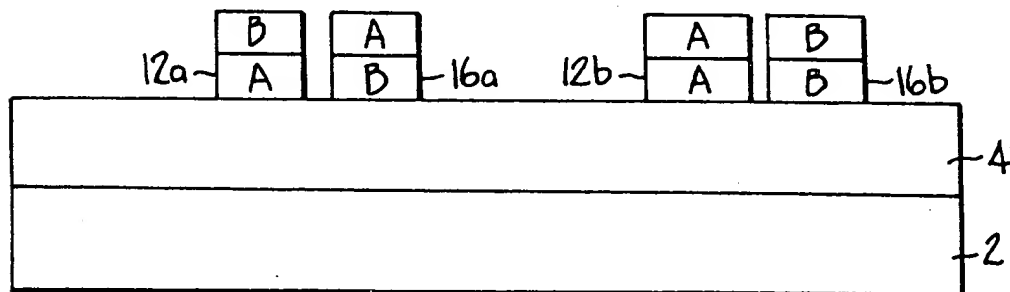
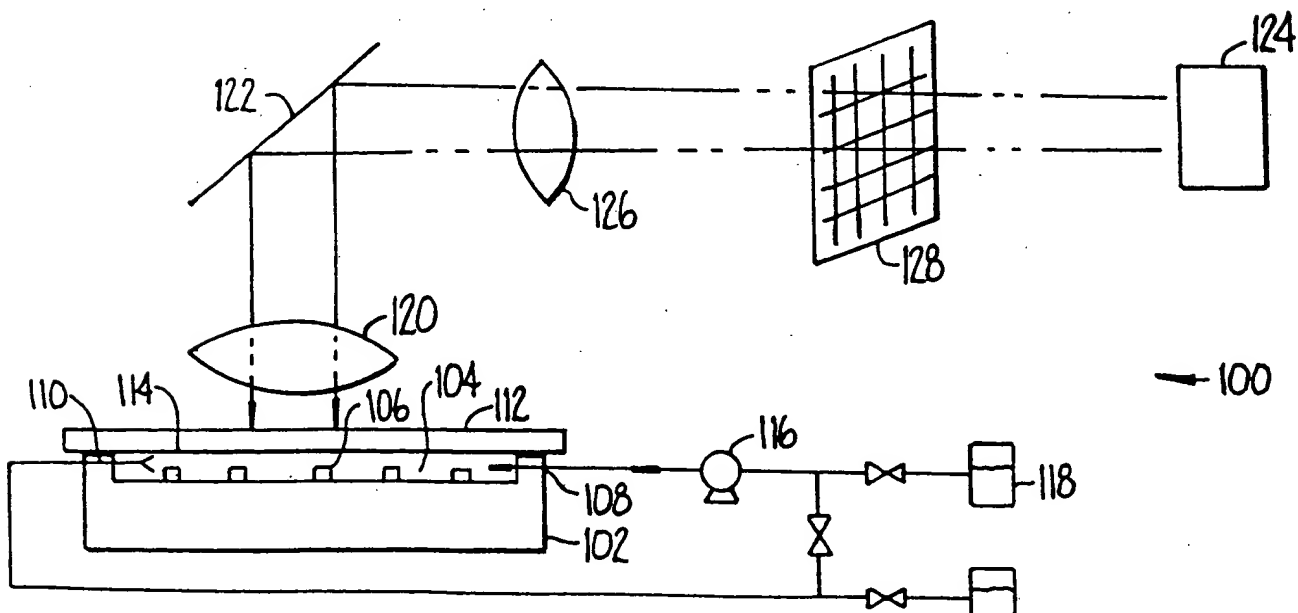


FIGURE 11



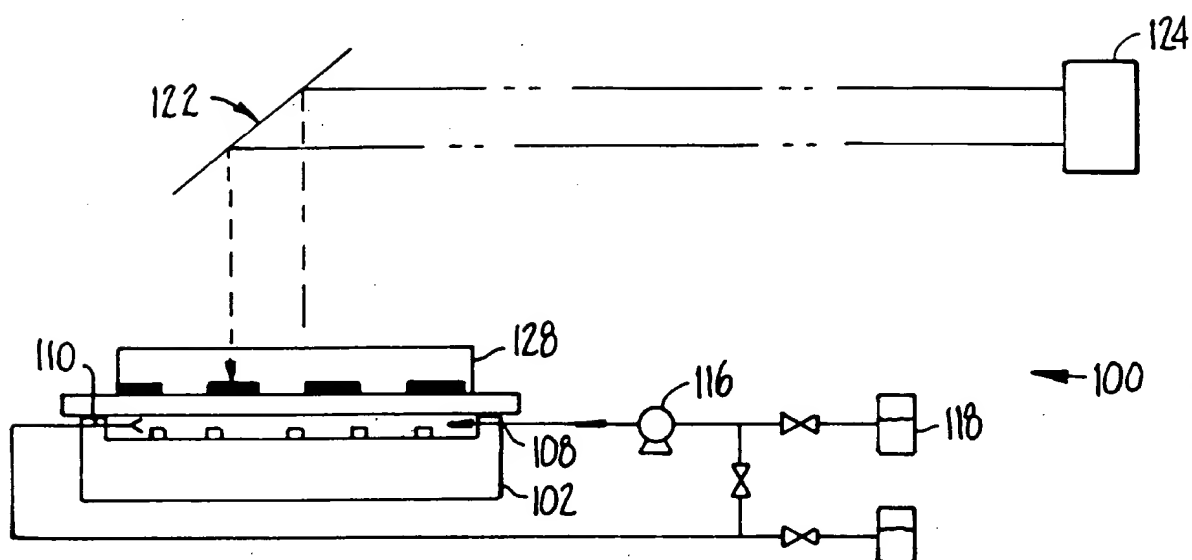


FIG. 12B

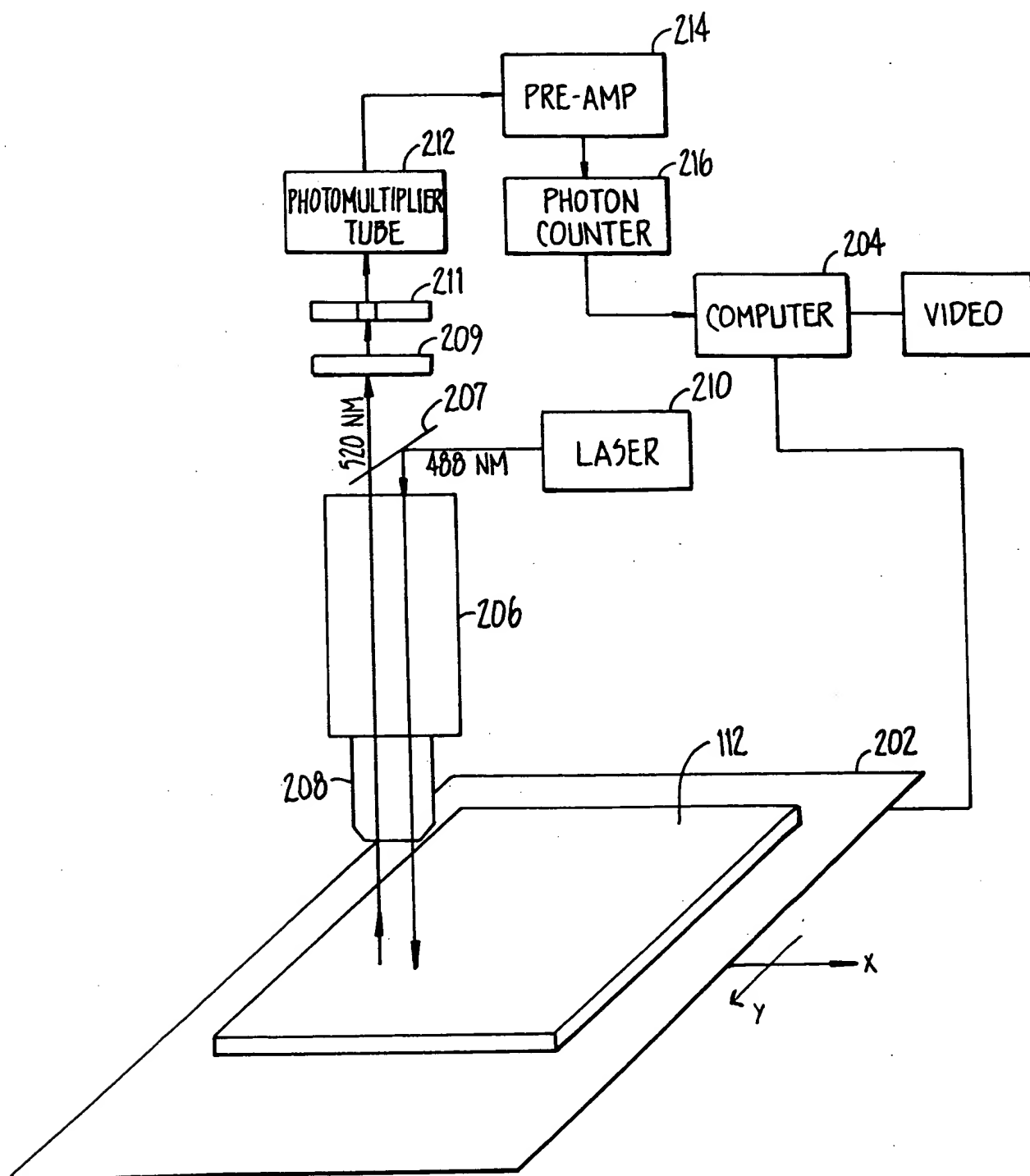


FIGURE 13

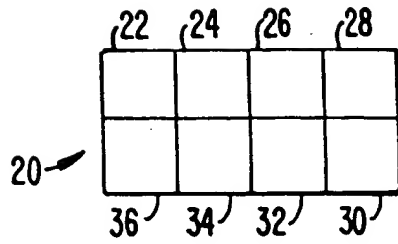


FIG. 14A

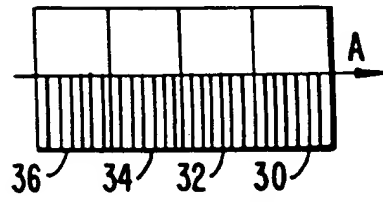


FIG. 14B

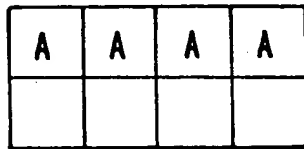


FIG. 14C

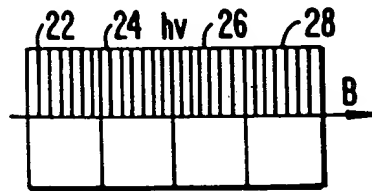


FIG. 14D

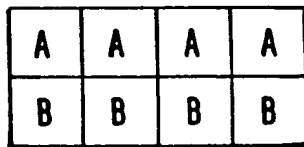


FIG. 14E

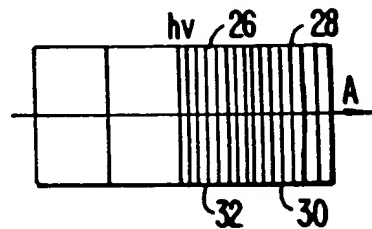


FIG. 14F

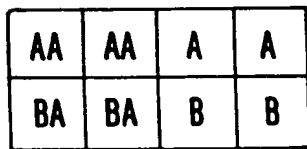


FIG. 14G

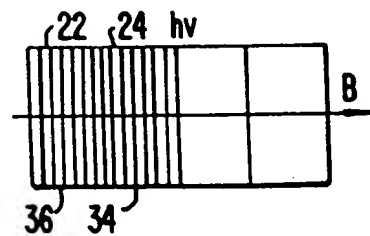


FIG. 14H

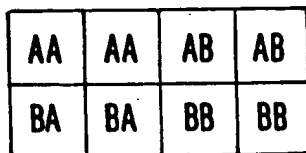


FIG. 14I

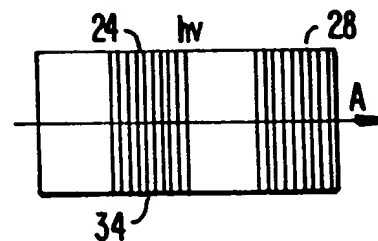


FIG. 14J

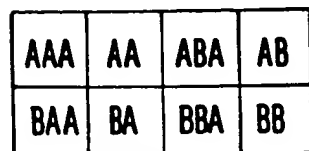


FIG. 14K

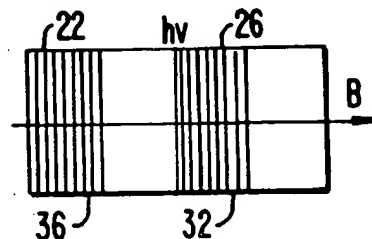


FIG. 14L

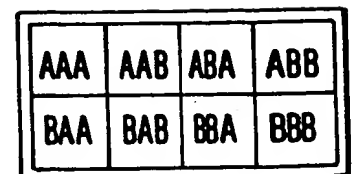


FIG. 14M

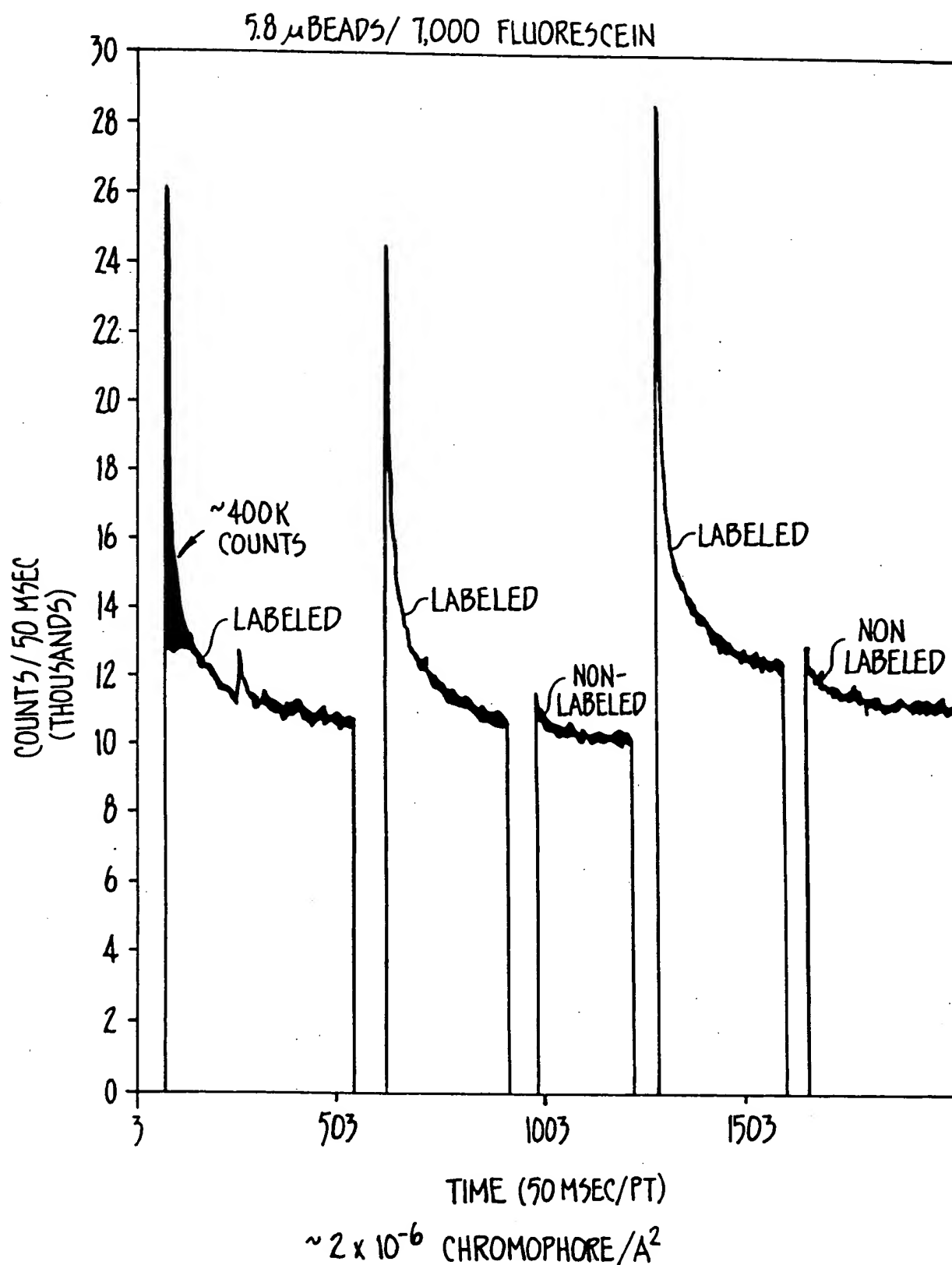


FIGURE 15A

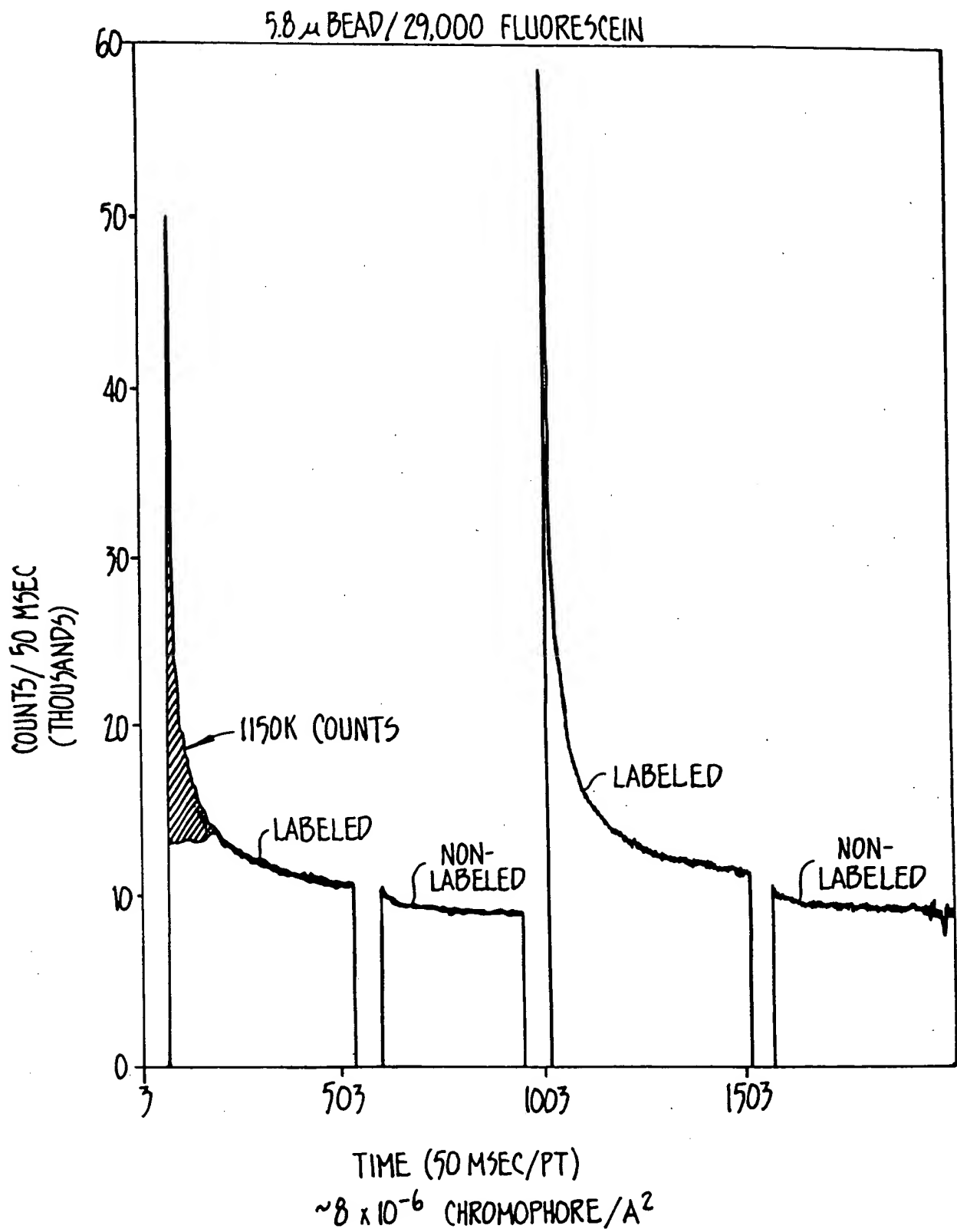


FIGURE 15B

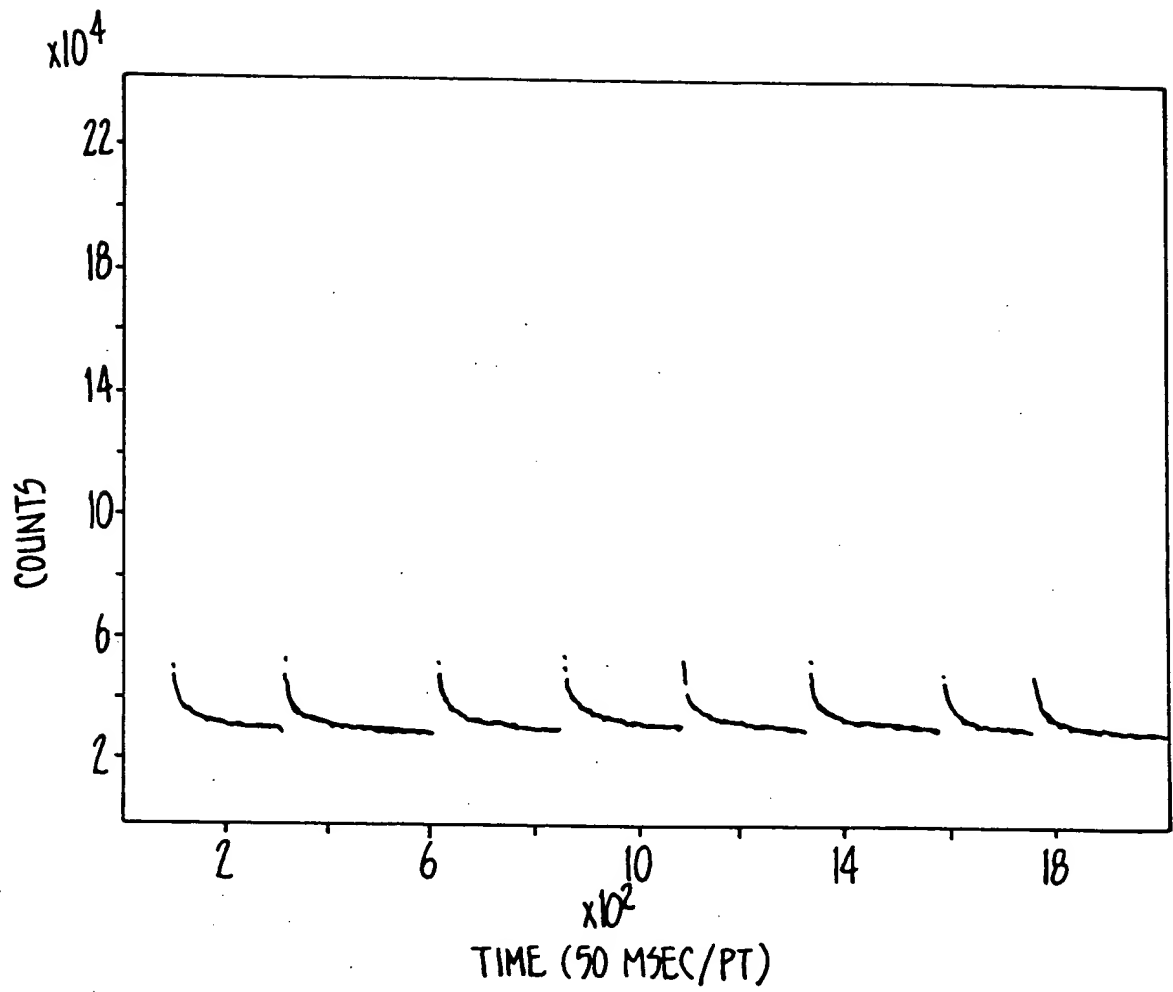


FIGURE 16A

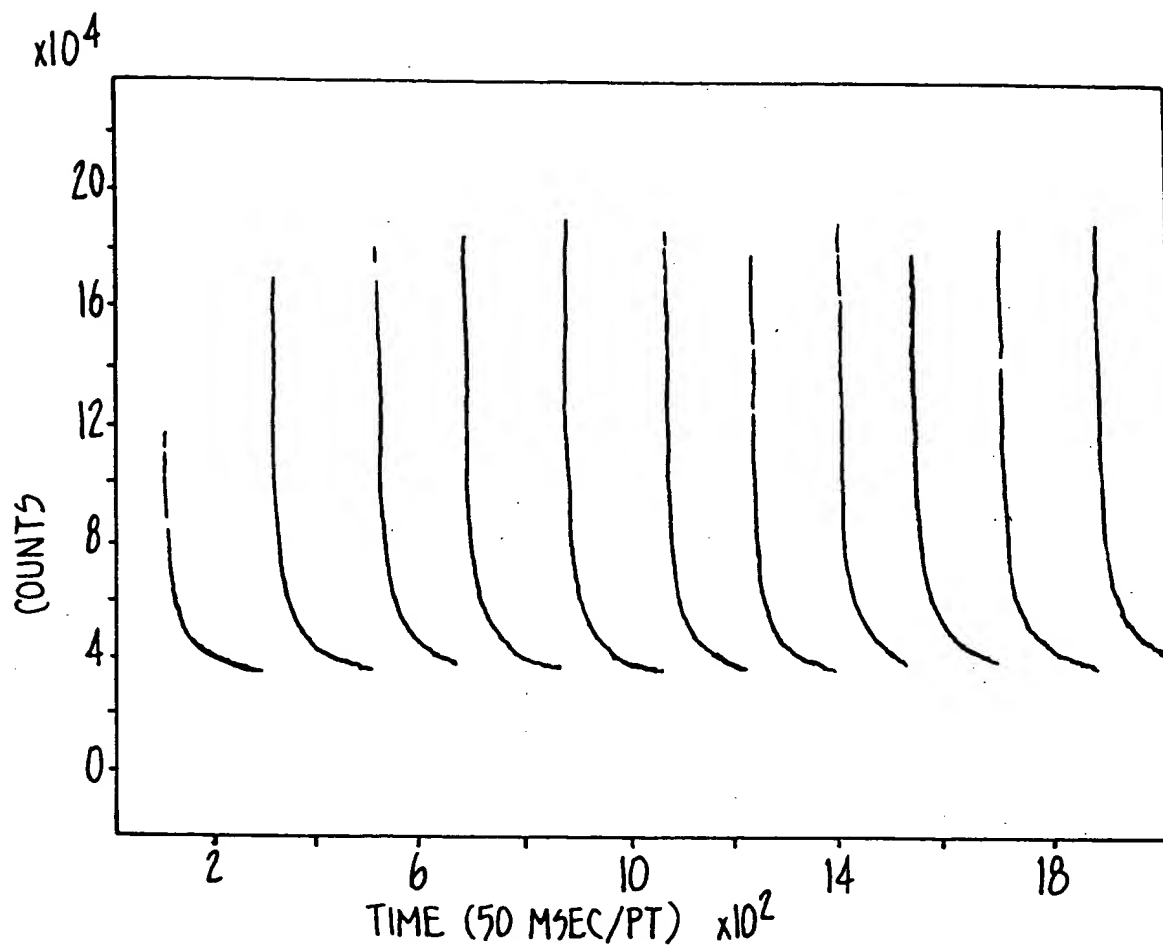
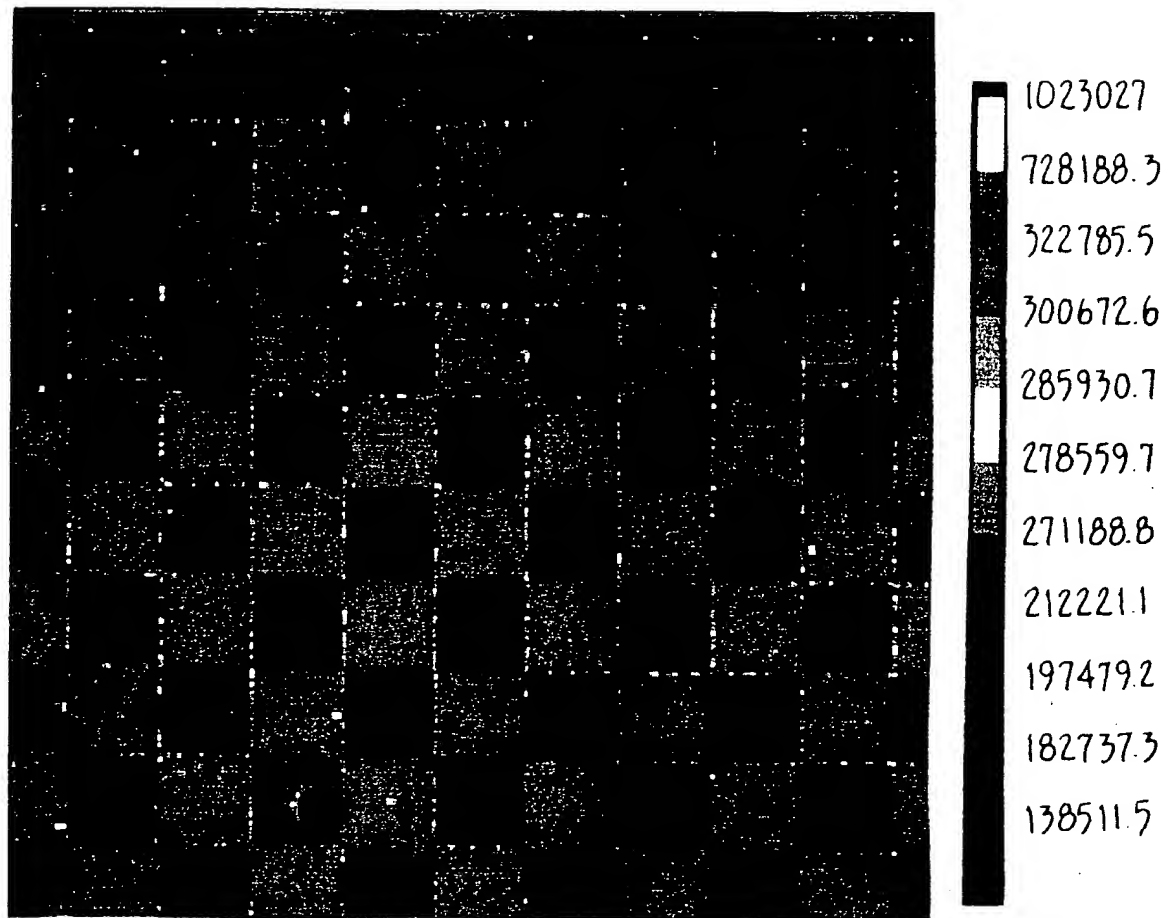


FIGURE 16B

App No.: 09/653,761
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MEAN: 285930.7
VAR: 2.173242E+10
 σ : 147419.2

FIG. 17A

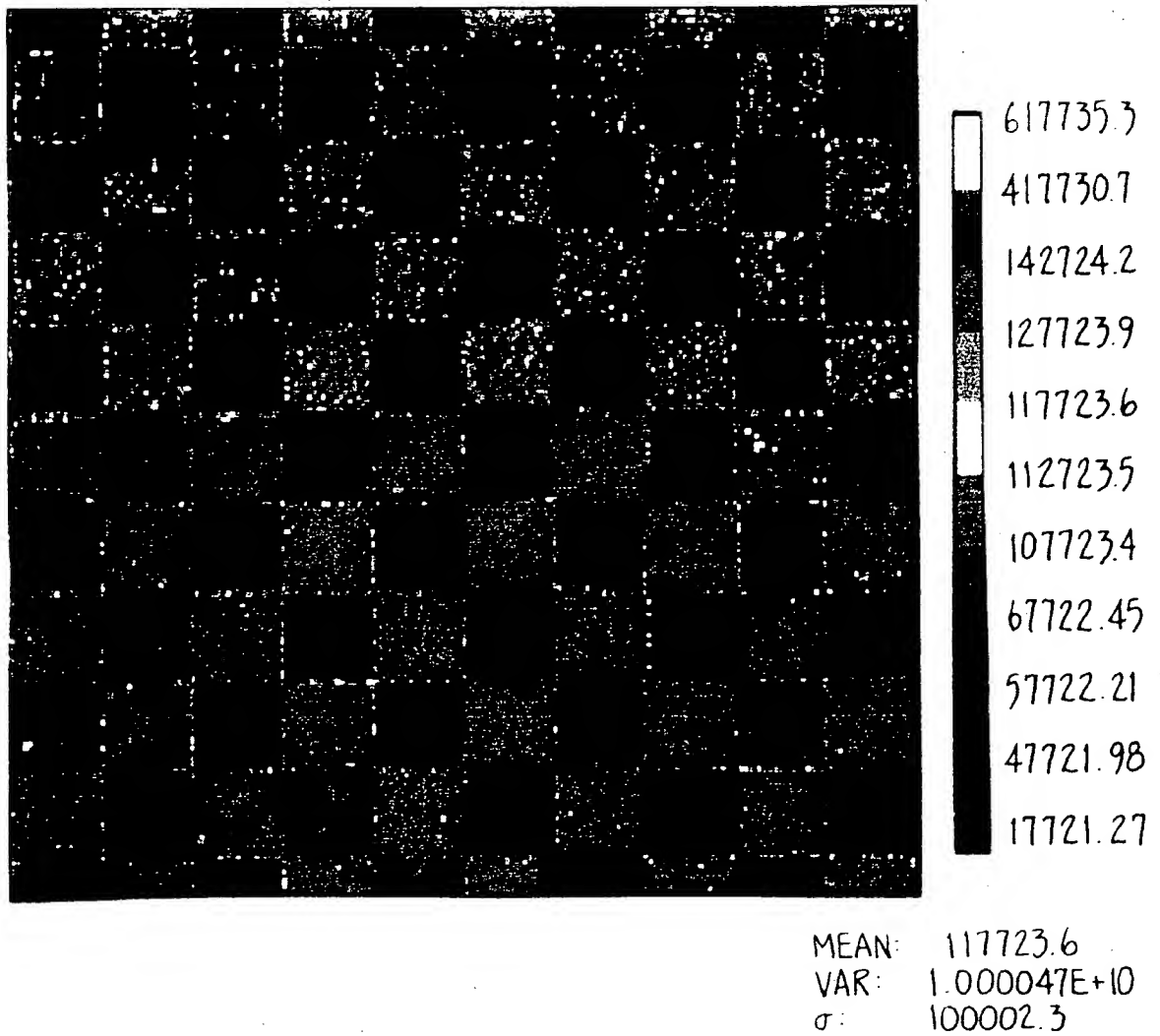
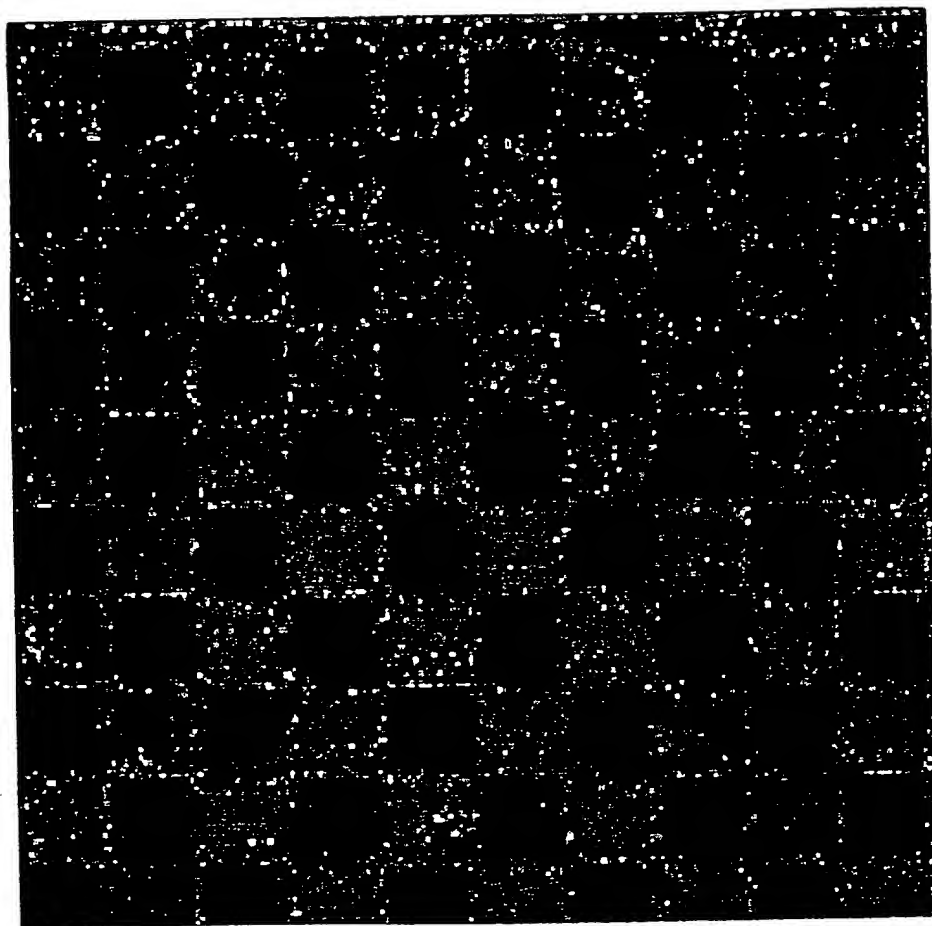


FIG. 17B

App No.: 09/653,761
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Inventors: Stephen P. A. Fodor, *et al.*

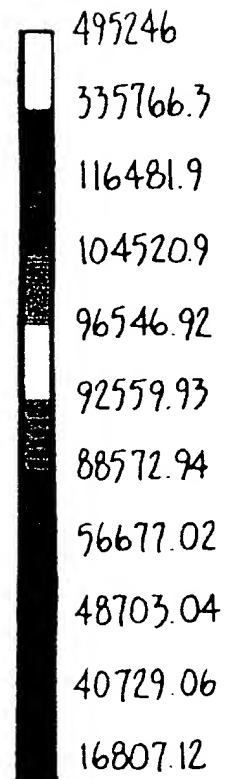
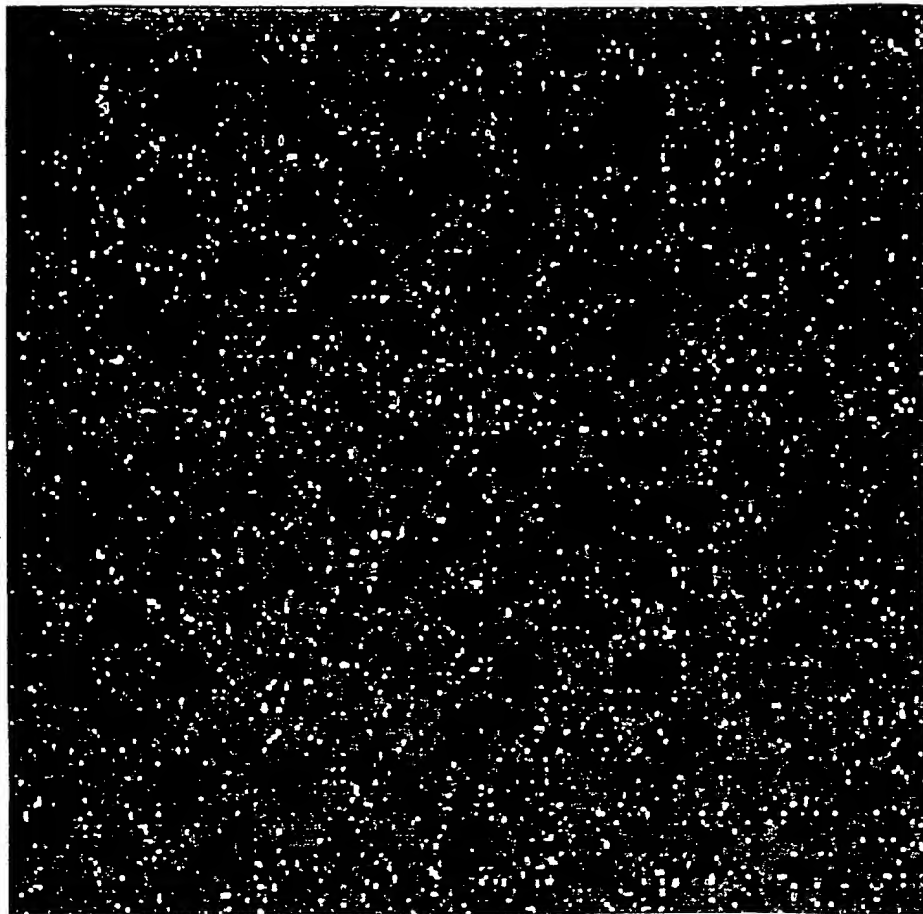


— 552484.3
373317.4
126963.
113525.5
104567.2
100000
95608.83
59775.46
50017.12
41858.78
14983.75

MEAN: 104567.2
VAR: 8.025189E+09
 σ : 89583.42

FIG. 17C

App No.: 09/653,761
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MEAN: 96546.92
VAR: 6.358437E+09
 σ : 79739.8

FIG. 17D

App No.: 09/653,761
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Inventors: Stephen P. A. Fodor, *et al.*

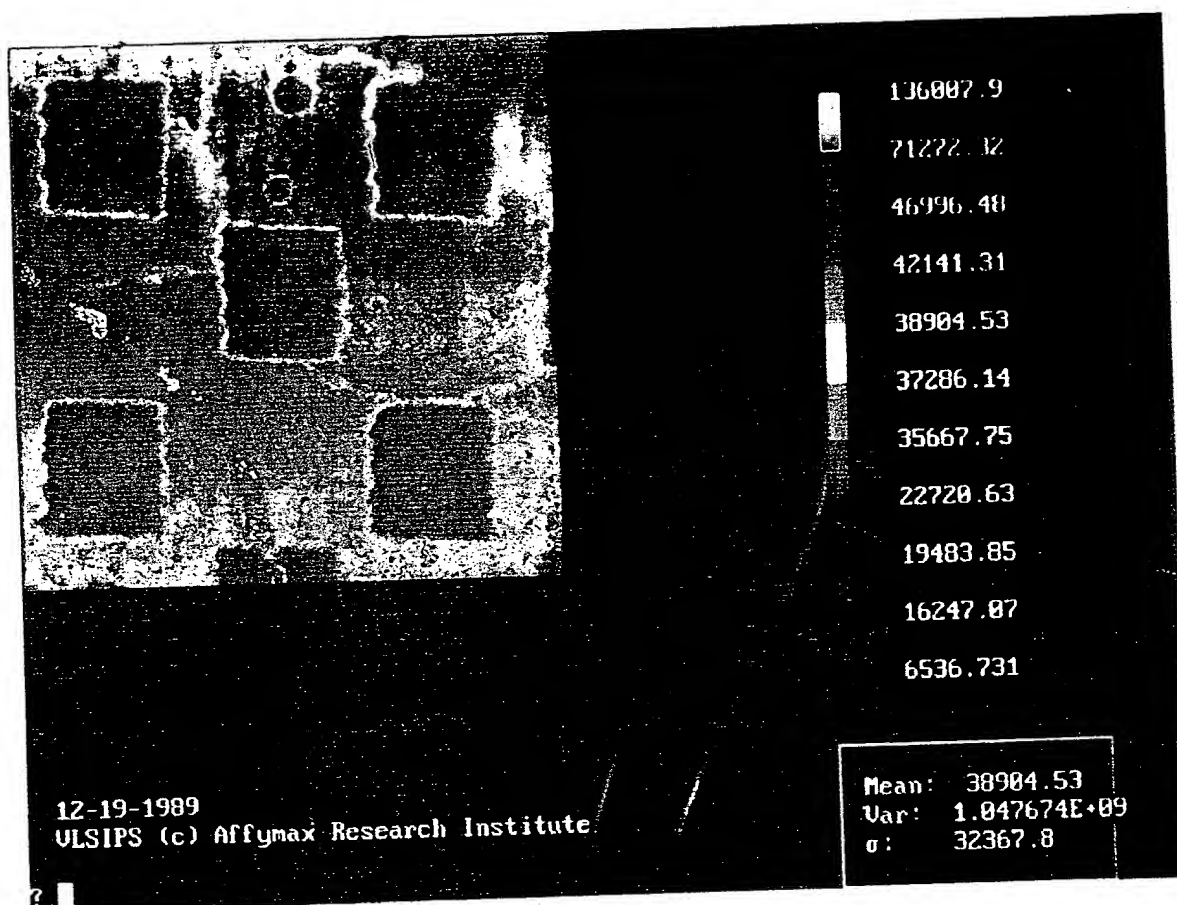


FIG. 18

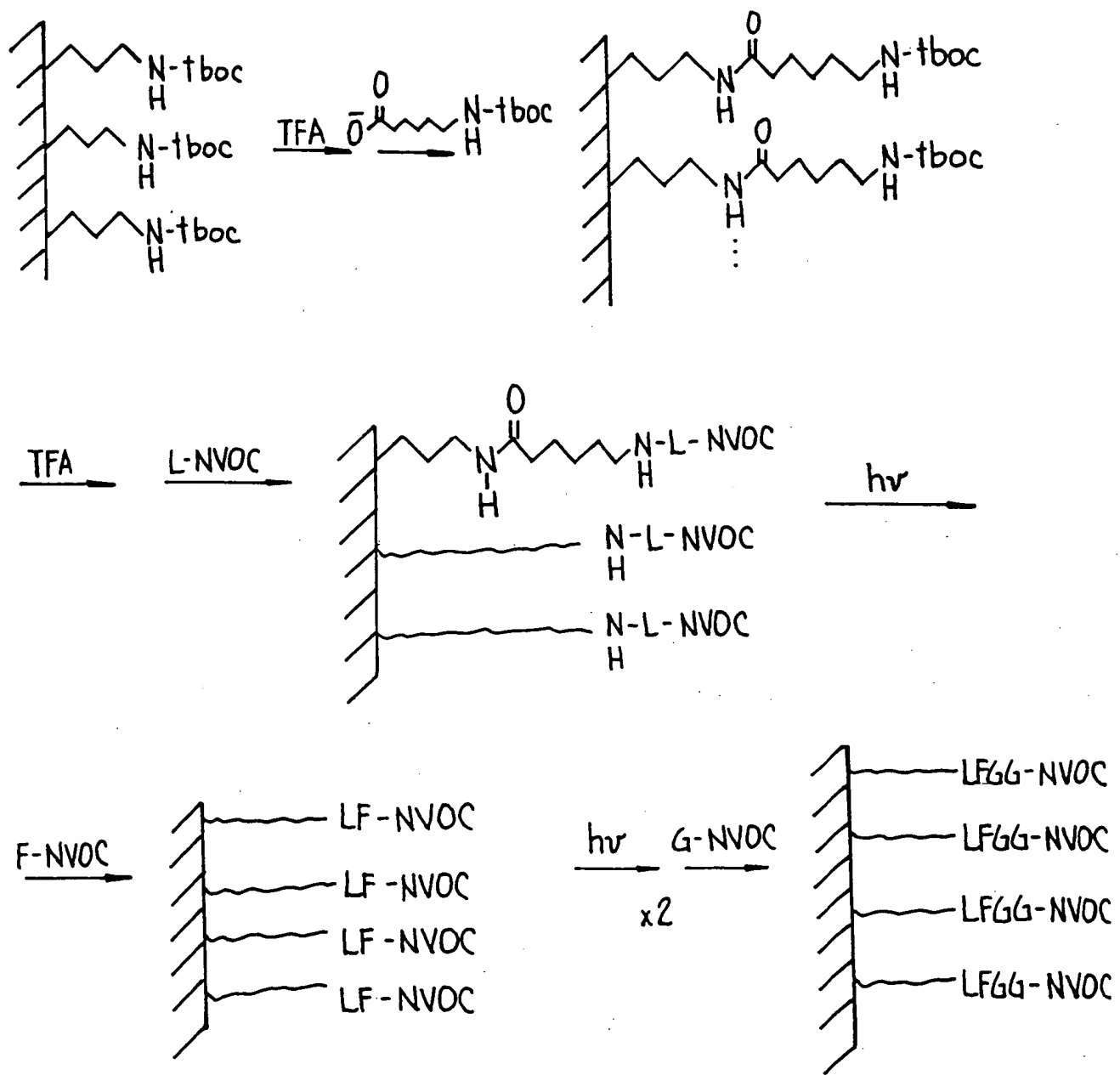


FIGURE 19A

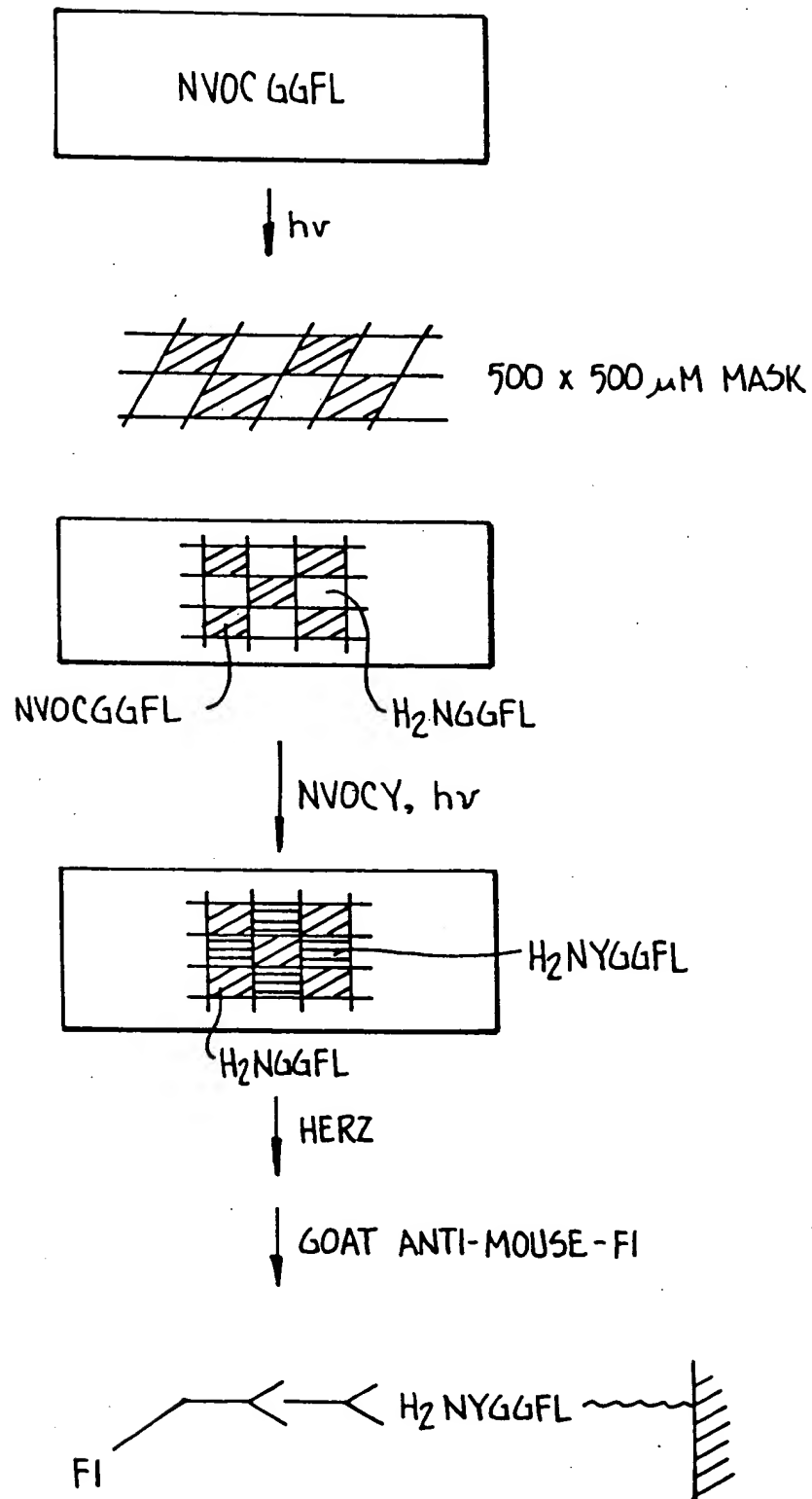


FIGURE 19B

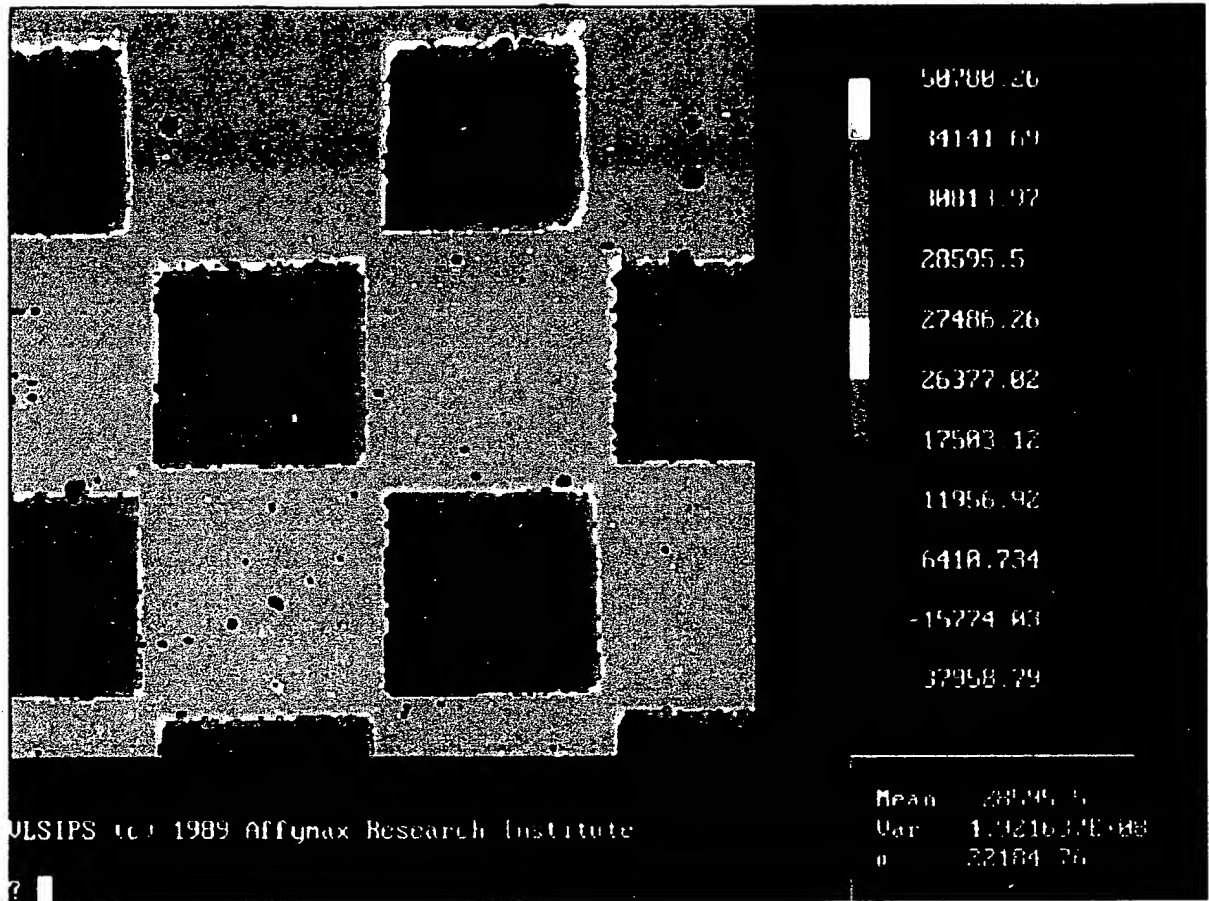


FIG. 19C

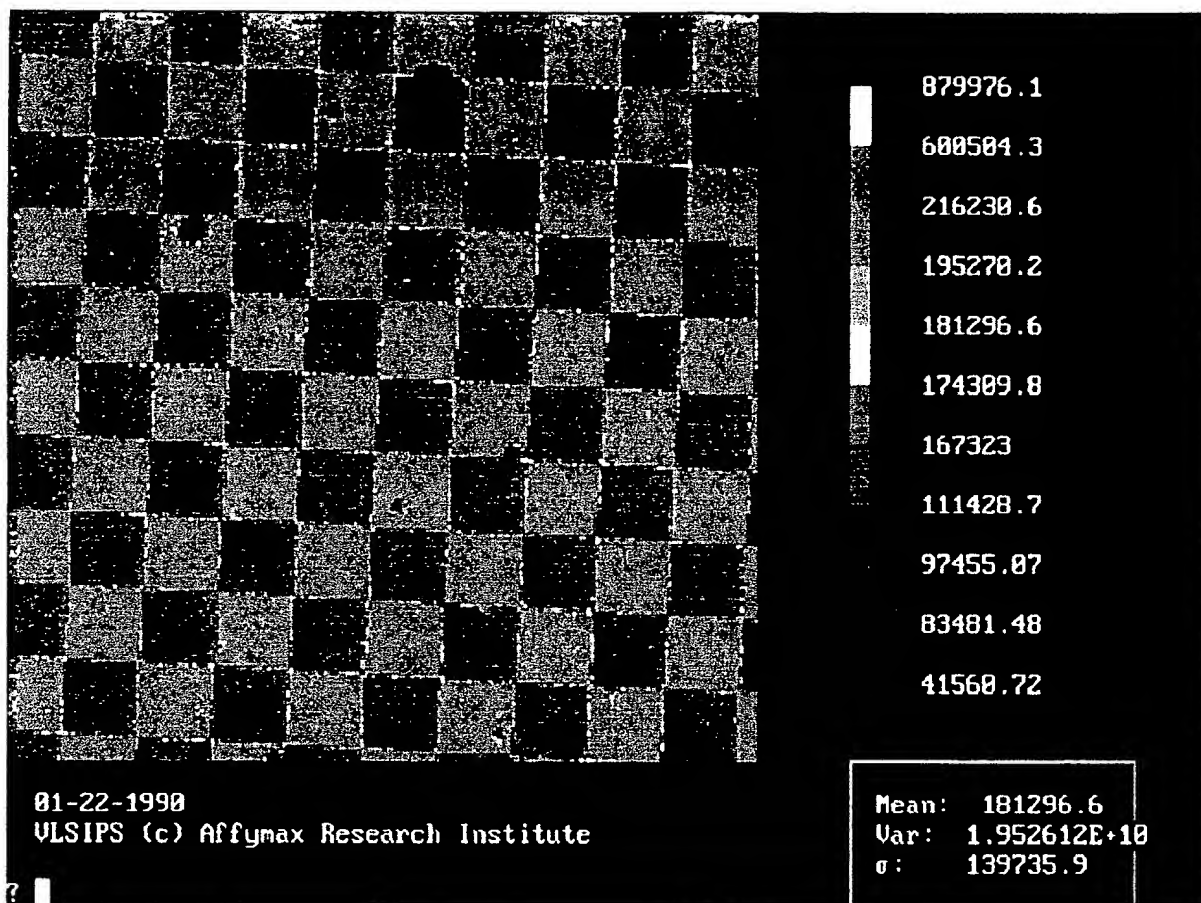
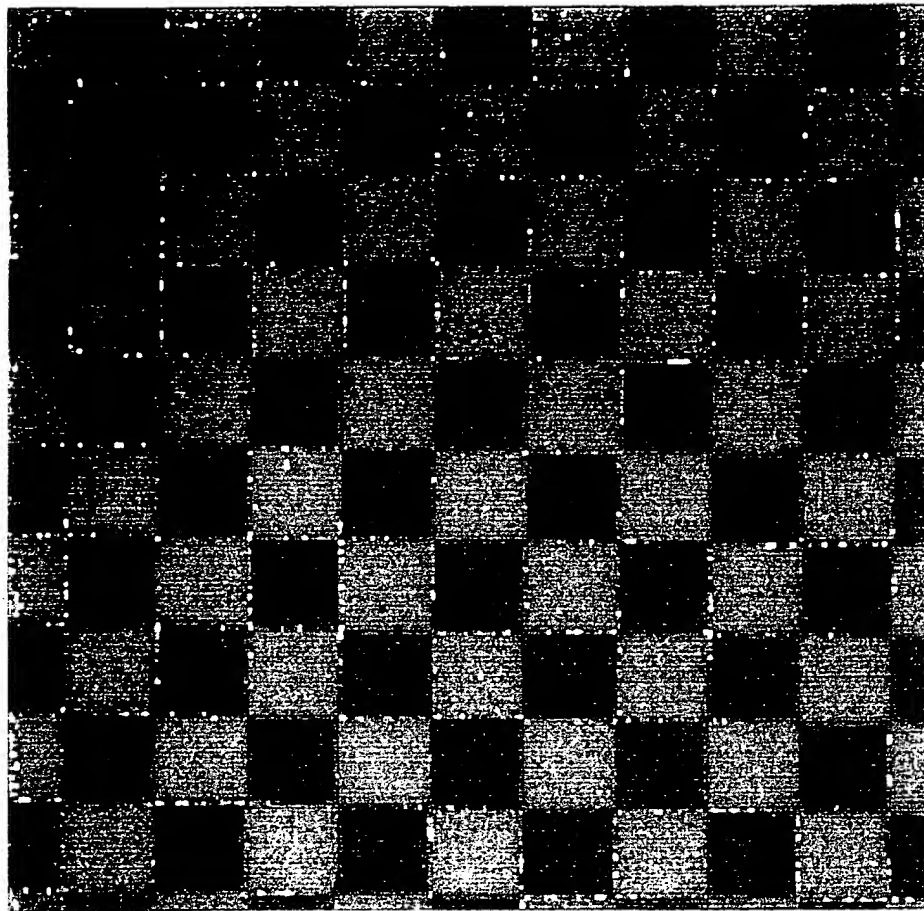


FIG. 19D

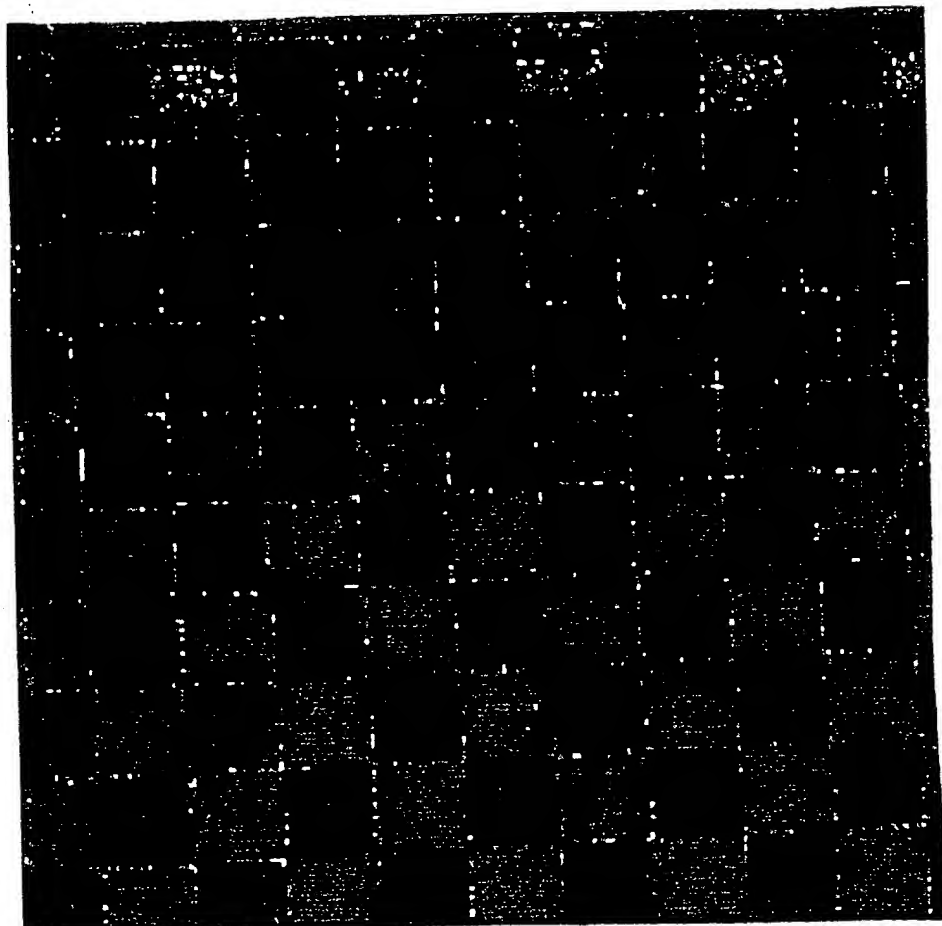


16788
 4285838
 1425777
 169775
 167775
 115112
 106111
 6457625
 141602
 4277532
 111518

MEAN 12577.5
 VAR 181645E+10
 14002.1

FIG. 20

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667348.3

453053

158397

142324.9

131610.1

126252.7

120895.3

78036.29

67321.52

56606.17

24462.47

MEAN: 131610.1
VAR: 1.148062E+10
 σ : 107147.6

FIG. 21

P	A	S	G	
<u>L</u> P _G FL	<u>L</u> A _G FL	<u>L</u> S _G FL	<u>L</u> G _G FL	L
<u>F</u> P _G FL	<u>F</u> A _G FL	<u>F</u> S _G FL	<u>F</u> G _G FL	F
<u>W</u> P _G FL	<u>W</u> A _G FL	<u>W</u> S _G FL	<u>W</u> G _G FL	W
<u>Y</u> P _G FL	<u>Y</u> A _G FL	<u>Y</u> S _G FL	<u>Y</u> G _G FL	Y

L SET

FIGURE 22A

P	a	s	G	
<u>Y</u> p _G FL	<u>Y</u> a _G FL	<u>Y</u> s _G FL	<u>Y</u> G _G FL	Y
<u>f</u> p _G FL	<u>f</u> a _G FL	<u>f</u> s _G FL	<u>f</u> G _G FL	f
<u>w</u> p _G FL	<u>w</u> a _G FL	<u>w</u> s _G FL	<u>w</u> G _G FL	w
<u>y</u> p _G FL	<u>y</u> a _G FL	<u>y</u> s _G FL	<u>y</u> G _G FL	y

D SET

FIGURE 22B

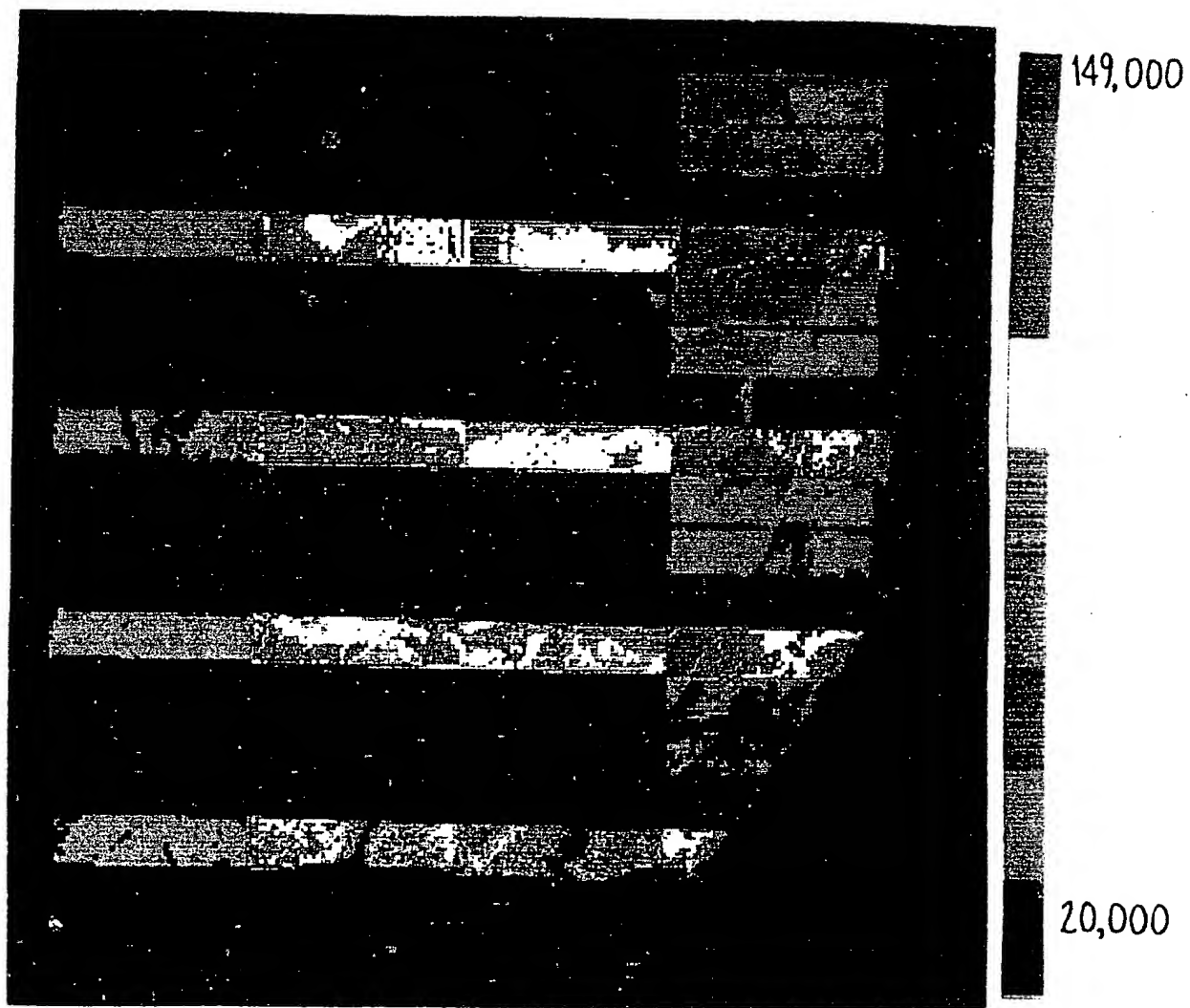


FIG. 23

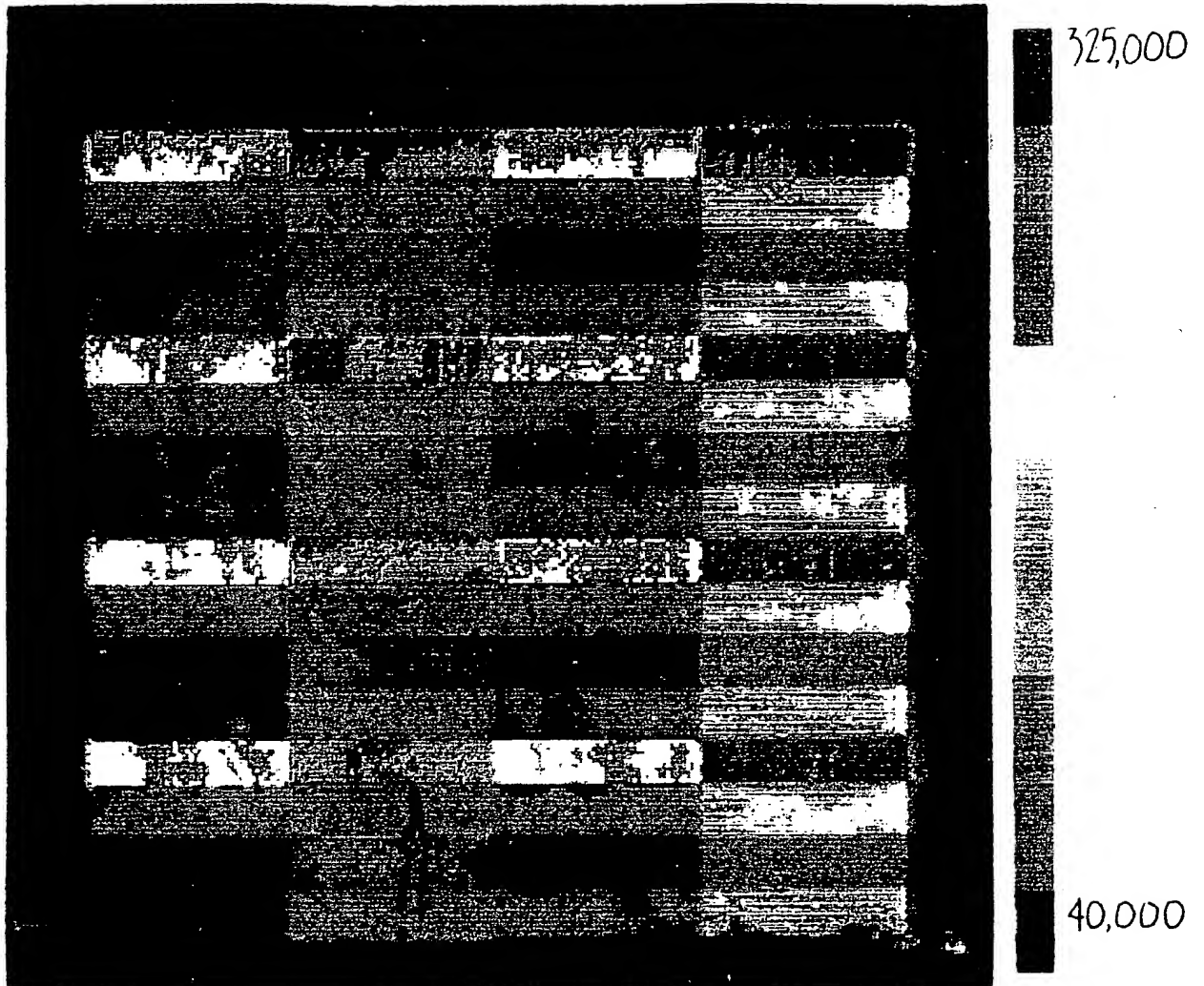


FIG. 24